

AMENDMENTS TO THE CLAIMS

1-4. (Cancelled)

5. (Currently amended) Aluminium alloy useful for extrusion purposes, ~~characterized in that it~~ which contains in wt%:

Mg	0.35 – 0.5
Si	0.35 – 0.6
Mn	0.03 – 0.06
Cr	<u>maximum</u> 0.05
Zn	<u>maximum</u> 0.15
Cu	<u>maximum</u> 0.1
Fe	0.08 – 0.28 and

in addition grain refining elements up to 0.1 wt% and incidental impurities up to 0.15 wt%, wherein the alloy includes AlMnFeSi dispersoid particles which are formed during homogenisation and which act as nucleation sites for Mg₂Si particles during cooling after homogenisation.

6. (Cancelled)

7. (Currently Amended) Alloy according to claim 5, ~~characterized in that~~ wherein the content of Fe is between 0.18 – 0.25 wt%.

8. (Currently Amended) Alloy according to claim 5, ~~characterized in that~~ wherein the temperature prior to extrusion is between 430 - 510°C.